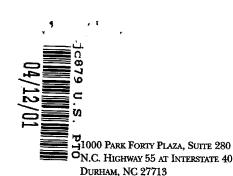
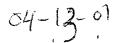
UTILITY							
PATENT APPLICATION							
TRANSMITTAL							

Attorr	ney Docket No.	0262-005						
First I	nventor	Jacobs, Scott L.						
Title	Microelectronic Packages Including Thin							

110-11	TOWN 17AL	litle M	icroelectronic Pac	rayes.	II LILL	mid nimi		
(Only for new nonprovision	al applications under 37 CFR 1.53(b))	Express	Mail Label No. EL					
2	TION ELEMENTS	ADD	RESS TO: $_{BoxF}$	atent Ap	plicatio		nts O	
	erning utility patent application contents.			nington, E			<u>-F</u>	
Fee Transmittal Fo	rm (e.g., PTO/SB/17)	7	CD-ROM or CD-R in			table or	Ψ- - -	
1. LX (Submit an original and a d		8 Nucl	Computer Program (/ eotide and/or Amino Ac	id Seauei	r nce Su	bmission	જં⊊	
2. X See 37 CFR 1.27.		(if a	oplicable, all necessary))			ુંડે	
3. X Specification (preferred arrangement)		a. [Computer Readable				017	
- Descriptive title of	of the invention to Related Applications	b. S	pecification Sequence L				j1.	
- Statement Rega	rding Fed sponsored R & D		i. CD-ROM or	CD-R (2	copies	s); or	•	
- Reference to sec	quence listing, a table,		ii. 🔲 paper					
or a computer pr	ogram listing appendix	с. Г	Statements verifyin	g identity	of abo	ve copies		
- Background of t - Brief Summary	ne invention of the Invention		CCOMPANYING A					
 Brief Description 	n of the Drawings (if filed)		***					
- Detailed Descrip	otion	9. [X	Assignment Papers		eet &	ocument(s) Power of	cor	
- Claim(s) - Abstract of the I	Disclosure	10.	(Witer alore to an ac	ssignee)	<u> </u> X_	Attorney		
4 X Drawing(s) (35 U.	S.C. 113) [Total Sheets 12]	11.	English Translation	Docume	nt <i>(if ap</i>		.D.C	
5. Oath or Declaration CO		12.	Information Disclose Statement (IDS)/PT			Copies of I Citations	טט	
	ted (original or copy)	13.	Preliminary Amend	ment				
Copy from a	prior application (37 CFR 1.63 (d)) ion/divisional with Box 18 completed)	14.	Return Receipt Pos (Should be specification)	stcard (Mi ally itemiz	PEP 50 ced)	03)		
	ON OF INVENTOR(S)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)						
Signed stat	rement attached deleting inventor(s)	Request and Certification under 35 U.S.C. 122						
	ne prior application, see 37 CFR and 1.33(b).	(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
	Sheet. See 37 CFR 1.76	17. X Other: Check for \$355.00						
18. If a CONTINUING APPLIC	CATION, check appropriate box, and sup	ply the requ	isite information below a	and in a p	relimin	ary amendn	nent,	
or in an Application Data She	F		f prior application No 09	3 / 30	6.46	(3		
Continuation X	Divisional Continuation-in-part (CIP)	٥			<u> </u>		-	
Prior application information:	Examiner Collins, D. ONAL APPS only: The entire disclosure of t	he prior appl	Group Art Unit: 2823	th or decla	aration	is supplied u	- ınder	
For CONTINUATION OR DIVISION OR DIVISION OF THE BOX 5b. is considered	MMMMMMmsure of the accompanying contin	uation or div	isional application and is	hereby in	corpor	ated by refer	ence.	
The incorporation can be the	ONAL APPS only: The entire disclosure of the accompanying continues of the accompanying continues on the second of	ertently omitte	ed from the submitted app	olication p	arts.			
	19. CORRESPOND							
Customer Number of Barc	"" . "Tota ; A- 10'; . *	ar code label ne	or X	Correspond	dence ad	ldress below		
Name	Daniels & Daniels, P.A.							
Post Office Drawer 12218								
Address	POSC OFFICE DIAWCE 1221							
City	Research Triangle Park	State	NC	Zip C	ode	27709-2	218	
Country		lephone	919 544-5444	Fe	ix	9195445	920	
Name (Print/Type)	Kevin E. Flynn	Reg	istration No. (Attorney	//Agent)	37,	,325		
	11 41			Date	04	/12/2001		
Signature	Clare Hy			Date	U4/	/12/2001		

Burden Hour Statement: This form is estimated to take 0/2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.





DANIELS & DANIELS, P.A.

Attorneys at Law
Post Office Drawer 12218
Research Triangle Park, NC 27709-2218



TELEPHONE: (919) 544-5444
TELECOPIER: (919) 544-5920
INTERNET: www.daniels.com

April 12, 2001

Assistant Commissioner for Patents BOX PATENT APPLICATION Washington, D.C. 20231

Divisional Class 257 Subclass 777

RE: U.S. Divisional Patent Application for MICROELECTRONIC PACKAGES INCLUDING THIN FILM DECAL AND DIELECTRIC ADHESIVE LAYER HAVING CONDUCTIVE VIAS THEREIN

Based on U.S. Patent Application 09/306,463 for Microelectronic Packages Including Thin Film Decal and Dielectric Adhesive Layer Having Conductive Vias Therein, and Methods of Fabricating the Same, filed May 5, 1999 (for which a Notice of Allowance was issued on January 17, 2001) which claims priority to

U.S. Provisional Application 60/084,450

Docket No. 0262-005

Dear Sir:

This divisional application is being filed in accordance with 37 C.F.R. 1.53(b). Section 201.06 of MPEP Version 7.1 requests that applicants include certain information. Thus, Applicant provides the following information.

- (A) An election/restriction requirement mailed 08/18/99 in the parent case termed the claims submitted herewith as drawn to a semiconductor device, classified in class 257, subclass 777.
- (B) The parent case, identified above, received a Notice of Allowance and Issue Fee Due dated January 17, 2001, from Deven Mark Collins in Group Art Unit 2823. A payment of the issue fee and submission of formal drawings in the parent case will occur on or before April 17, 2001.
- (C) The application has been modified to make reference and claim priority from the parent application and through the parent to the parent's priority document, a provisional.

In accordance with suggested practice under Section 201.06(C) of the MPEP applicant hereby incorporates by reference parent application 09/306,463 into the divisional application filed herewith.

Enclosed herewith, please find the documents listed below.

- 1. U.S. Divisional Patent Application Transmittal Sheet (PTO/SB/05) (1 page);
- 2. Fee Transmittal Sheet (1 page) in duplicate;
- 3. Check in the amount of \$355.00;
- U.S. Divisional Patent Application for MICROELECTRONIC PACKAGES INCLUDING THIN FILM DECAL AND DIELECTRIC ADHESIVE LAYER HAVING CONDUCTIVE VIAS THEREIN (27 pages);
- 5. Twelve (12) sheets of drawings for the above-referenced application;
- 6. Photocopy of previously filed parent application Declaration and Power of Attorney (3 pages);
- 7. Application Data Sheet (37 CFR 1.76) (2 pages);
- 8. Photocopy of previously filed Information Disclosure Statement in the parent application Form PTO-1449 without cited art (on file at the United States Patent and Trademark Office in the parent application U.S. Patent Application Serial No. 09/306,463);
- 9. Photocopy of previously executed parent application Declaration and Power of Attorney (PTO/SB/01) (3 pages);
- 10. Copy of Form PTO/SB/83 Request for Withdrawal as Attorney or Agent from Mitchell S. Bigel filed on February 25, 2000;
- Copy of Form PTO/SB/81 Power of Attorney or Authorization of Agent Not Accompanying Application dated February 17, 2000;
- 12. Copy of Notice regarding Power of Attorney dated May 18, 2000 from the United States Patent and Trademark Office accepting the Power of Attorney filed February 18, 2000;
- 13. Copy of Statement Under 37 CFR 3.73(b), Form PTO/SB/96, with Assignment Recordation Sheet and copy of executed Assignment dated May 4, 1998 for the priority application;
- 14. Return Receipt Postcard; and
- 15. Express Mail No. EL801240843US.

Please contact the undersigned should you have any questions.

Sincerely

Kevin E. Flynn Reg. No. 37,325

Enclosures

 $\label{local-problem} $$\DANIELS_FS1\SYS\CL\0262-005\Util\ App\ Fwd.\ PTO.doc $$$

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 355.00

Complete if Known						
Application Number	Not Assigned					
Filing Date	Herewith					
First Named Inventor	Jacobs, Scott L.					
Examiner Name	Collins, D. (parent application)					
Group/Art Unit	2823					
Attorney Docket No.	0262-005					

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	Large E Fee	Intity Fee	Small E	Fee	Fee Description	Fee Paid
Deposit Account	Code 105	(\$) 130	Code 205	(\$) 65	Surcharge – late filing fee or oath	
Number	127	50	227	25	Surcharge – late provisional filing fee or cover sheet.	
Deposit Account	139	130	139	130	Non-English specification	
Name Applicant Claims Small Entity Status Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17	147	2,520	147	2,520	For filing a request for reexamination	
2. Payment Enclosed:	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
Check Money Other	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	115	110	215	55	Extension for reply within first month	
1. BASIC FILING FEE	116	390	216	195	Extension for reply within second month	
Large Entity Small Entity	117	890	217	445	Extension for reply within third month	
Fee Fee Fee Fee Description	118	1,390	218	695	Extension for reply within fourth month	
Code (\$) Code (\$) Fee Paid 101 710 201 355 Utility filing fee 355.00	128	1,890	228	945	Extension for reply within fifth month	
106 320 206 160 Design filing fee	119	310	219	155	Notice of Appeal	
107 490 207 245 Plant filing fee	120	310	220	155	Filing a bnef in support of an appeal	
107 490 207 243 Flair lining fee	121	270	221	135	Request for oral hearing	
114 150 214 75 Provisional filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding	
	140	110	240	55	Petrtion to revive – unavoidable	
SUBTOTAL (1) (\$) 355.00	141	1,240	241	620	Petition to revive – unintentional	
2. EXTRA CLAIM FEES	142	1,240	242	620	Utility issue fee (or reissue)	
Fee from Extra Claims Below Fee Paid	143	440	243	220	Design issue fee	
Total Claims 15 -20**= 0 X =	144	600	244	300	Plant issue fee	
Independent 2 - 3**= 0 X =	122	130	122	130	Petitions to the Commissioner	
Multiple Dependent =	123	50	123	50	Petitions related to provisional applications	
**or number previously paid, if greater; For Reissues, see below	126	240	126	240	Submission of information Disclosure Stmt	
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)	
103 18 203 9 Claims in excess of 20	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
102 80 202 40 Independent claims in excess of 3	149	710	249	355	For each additional invention to be examined (37 CFR § 1 129(b))	
104 270 204 135 Multiple dependent claim, if not paid	1					
100 80 200 40 **Reissue independent claims	Other f	ee (spe	cify) _			
over onginal patent 110 18 210 9 **Reissue claims in excess of 20 and over onginal patent	Other t	ee (spe	cify) _			
SUBTOTAL (2) (\$) -0-	*Reduc	ced by B	Basic Fili	ng Fee F	Paid SUBTOTAL (3) (\$) -0-	

SUBMITTED BY Complete (f applicable)						
Name (Print/Type)	Kevin E. Flynn	Registration No. (Attorney/Agent) 37,325	Telephone	(919) 544 5444		
Signature	Kem & Flyn		Date	April 12, 2001		

WARNING: Information on this form may become public. Credit card information should not be Included on this form. Provide credit card information and authorization on PTO-2038.